

Structural / Civil Engineering + Construction Management



INDUSTRIAL FACILITIES,
UTILITIES AND SITE DESIGN

Rubinos &
Mesia
Engineers, Inc.



ABOUT RME

RUBINOS & MESIA ENGINEERS, INC. (RME), a MBE, was established in 1982 as a Chicago based Structural / Civil Engineering and Construction Management Firm.

RME has established a reputation among leading Consultants by demonstrating its technical abilities and exceeding client expectations. RME's staff works diligently in a team environment to provide our clients with the highest quality product, on time and within budget. Our principals and staff have experience with a great variety of civil and structural projects. Over the years, RME has been the proud recipient of over 30 awards in various categories.

RME AT-A-GLANCE

RME has...

- > A large pool of Structural and Civil Engineers that have intimate design and evaluation experience.
- > Demonstrated ability to successfully anticipate and navigate project challenges on a consistent basis.
- > Successfully completed more than 2,000 projects.
- > A well diversified project portfolio from over 34 years of experience.
- > Built successful long-term relationships with numerous Agencies, Architectural and Engineering firms.

Project Types

Industrial Facilities and Utilities
Site Design
Water / Waste Water Facilities
Tunnels and Tunnel Structures
Airport/Aviation
Mass Transit
Roadways
Rail Structures and Facilities
Bridge Design / Reconstruction
Municipal Facilities
Healthcare Facilities
Residential
Historic Renovations & Rehabilitations
Educational Facilities: K-12 & Higher Ed.



Industrial, Utility and Site Design Project Experience

RME recognizes the challenges that can arise during Industrial, Utility and Site Design projects. Issues such as local permitting, Right-of-Way and easement acquisition that can delay the completion of projects are familiar obstacles to RME's experienced engineers. RME staff understands how to best navigate local DOT, stormwater and permitting to maintain smooth and timely construction schedules. From our numerous successful client projects, we have experience resolving conflicts throughout the utility coordination process. With careful planning and phasing of projects, RME strives to limit offsite impacts and service disruptions.



Jane Addams Tollway Utility Coordination
RME provided Design Corridor Management of the Utility Crossings for the Western Corridor of the Jane Addams Memorial Tollway I-90 Reconstruction / Additional Lane.



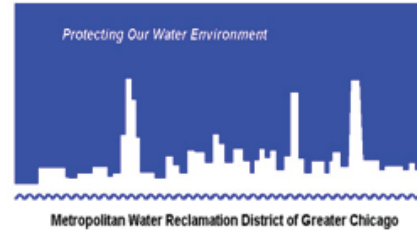
PACE South Division - Mid Life Improvements and CNG Conversion. RME provided civil and structural engineering support for renovation / conversion of an existing Pace bus service facility to provide compressed natural gas fueling.



OMP Extension of Runway 9R-27L
RME is responsible for verifying the existing utility conditions, demolition / abandonment plan for existing utilities, layout, phasing and profiles of the proposed utilities.



OMP South Airfield Traffic Control Tower Site Preparation
RME provided Civil Engineering services including the design of a new Main Cargo Road, Lufthansa Cargo Parking Lot, all associated utilities, all roadway, and parking lot drainage.



MWRD Task Order Services
RME provided Professional Civil and Structural consulting services for a three-year period. Projects have included underground utility tunnel repair, site, and roadway improvements.



CTA Brown Line Substations
RME provided Architectural, Structural and Civil Engineering services and design of the following new substations:
- Hill Street Substation
- Grace Substation
- Eastwood Substation & Maintenance Facility



METRA Fox Lake Crew Facility
RME provided Civil Engineering services required for the Site, Utility Engineering and Structural Engineering Design services required for the building addition.



PACE South Mid-Life Improvements
RME provided Mid-Life facility rehabilitation of the site and building improvements. RME was also responsible for the Site and Structural Design services for the new CNG fueling facility.



Argonne National Laboratory
RME is providing Structural and Civil Engineering Design services for the Infrastructure Management Program at Argonne National Laboratory.



OMP East Cooling Tower Basin and Sump
RME provided Structural and Civil Engineering services for the utility and site design of the new East Cooling Tower Basin and pump.



NIU Stevens Building
RME is providing Civil Engineering services for the construction of 33,000 s.f. additions to the Stevens Building and renovation of 67,000 s.f. in the Steven's Building. This project includes revisions to existing utilities, extension of new utilities, and stormwater management.



CDA O'Hare Chillers 1-5 Replacement
As **Prime** Consultant, RME is providing Architectural, Structural, Civil, Mechanical and Electrical services for the replacement of chillers 1 thru 5 at O'Hare International Airport.



METRA New Edgewater Station at Peterson & Ridge
RME provided complete Civil Engineering services for the addition of a new station on the METRA - Union Pacific North Commuter Rail Line.



Midway Airport Landside Parking Lot Improvements
As **Prime** Consultant, RME provided Civil Engineering Design services for a 5.9 acre revenue generating parking facility and a 1.8 acre commercial vehicle lot. Architectural and Structural Engineering was also required for the design of a convenience building.



Stickney Water Reclamation Plant Sludge Thickening Project
RME is providing Architectural and Structural services through the construction phase.



Chicago Department of Water Management
RME is providing Civil and Structural Sewer Design services for the Chicago Department of Water Management including 28,450 feet of new sewer and utilities. Responsibilities also include Earth Retention System (ERS) design and permit coordination.



UIUC Natural Resource Building (NRB), Steam Tunnel Repair at Central Entrance
As **Prime** Consultant to UIUC Facilities & Services Planning Division, RME provided Structural and Civil Engineering services. The area of steam tunnel repair is located at the main entrance of the Building.



CDA RTR-U & SPA-Hazmat Facility
RME provided Structural and Civil Design services for this 1,200 sf RTR-U equipment shelter, 1,640 sf SPA storage facility, 240 sf Hazmat storage building including all utilities and drainage.

CONTACT

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